PDR RID Report

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Section **Page** CG-17 **Figure Table**

Category Name Design-Ingest **Actionee** HAIS
Sub Category
Subject Level 0 “Rolling storage”

Description of Problem or Suggestion:

Reference to “rolling storage” of Level 0 data for 1 year implies that the Level 0 storage is not managed, but rather, Level 0 data is simply stored for 1 year then deleted. The original intent of the “1 year” requirement was for sizing purposes. The Level 0 storage needs to be managed such that some data may be retained for greater than 1 year, while other data is stored for less than 1 year.

Originator’s Recommendation

Clarify interpretation of “1 year requirement” and proposed implementation.

GSFC Response by: **GSFC Response Date**

HAIS Response by: Suhrstedt **HAIS Schedule** 5/22/95
HAIS R. E. P. Roycraft **HAIS Response Date** 6/30/95

The 1-year requirement referred to in the PDR briefing is in response to DADS0487 which states that each DADS shall be capable of storing EDOS production data sets (Level 0) for at least one year from the date that they are ingested. For the purposes of sizing Ingest Subsystem rolling storage it was assumed that sufficient volume would be provided for the storage of all L0 products for a period of one year. The implementation of the purging of L0 products from rolling storage is one that is based on software being developed for Data Server Subsystem storage management. This software can be configured to provide automated deletion of products after a predetermined period of time, as well as give operations personnel a mechanism to mark a data set for deletion based on a pre-defined set of criteria (e.g., time elapsed since data set ingestion, replacement by a newer or reprocessed version of the same data set). It is the responsibility of DAAC personnel to decide when deletion of the data set is appropriate. It is in this manner that management of rolling storage is accomplished. This feature is one that is provided by the Data Server software and will be used in the Ingest Subsystem implementation of that software. It must be noted, however, that resource constraints (i.e., the physical capacity of the rolling storage archive) will limit how long data can be held beyond the one year required span.

Status **Closed** **Date Closed** **7/6/95** **Sponsor** **Kobler**

****** **Attachment if any** ******